

# PROJECTOR FOR ADJUSTING A PROJECTED IMAGE SIZE AND LUMINANCE DEPENDING ON VARIOUS ENVIRONMENTS

## Abstract

A projector includes a housing, an image module for projecting onto a screen toward a front side, a detecting module for detecting distances from the projector to the front side and from the projector to the back side, a processor for adjusting luminance of the projected image from the image module based on the distances from the projector to the front side and from the projector to the back side.